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### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with *William R. Schmidt* on 13 February, 2012. *It was agreed that the additional Method claims and/or withdrawn claims are not allowed and hence are hereby canceled (see below).*

The application has been amended as follows:

#### **IN THE CLAIMS:**

Allowed claims 5 and 6

Claim 5, line 4 after "linked to" the text --a-- was added before "PDGF- $\beta$  chain".

Claim 5, line 4 after "expressed in" the text --the-- was added before "brain cortex".

### **REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance:

The following is an examiner's statement of reasons for allowance: The claims 5 and 6 are free of prior art of record. The prior art does not teach or suggest a spontaneous or a transgenic ADNFLE animal model (rat, mice or other non-human-mammal) having a

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phenotype of spontaneous epileptic seizure during sleep owing to the mutation Ser286Leu in CHRNA4 gene.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance".

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Kelaginamane Hirianna Ph.D.*, whose telephone number is **(571) 272-3307**. The examiner can normally be reached Monday through Thursday from 9 AM-7PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Joseph Woitach Ph.D.*, may be reached at **(571) 272-0739**. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). When calling please have your application serial number or patent number, the type of document you are having an image problem with, the number of pages and the specific nature of the problem. For all other customer support, please call the USPTO call center (UCC) at (800) 786-9199.

/Kelaginamane Hirianna/

/ROBERT M KELLY/

Primary Examiner, Art Unit 1633